Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of retransmitting a data cell, comprising:
providing a transmit queue having a head and a tail;
providing a retransmit queue having a head and a tail;
transmitting a first data cell from the head of the transmit queue;
inserting the first data cell at the tail of the retransmit queue in response to a HBH ACK mark; and
retransmitting a second data cell at the head of the retransmit queue.

2. (Original) The method of claim 1, further comprising:
marking the first data cell as requiring receive acknowledgement.

3. (Original) The method of claim 1, further comprising:
determining if the second data cell has timed out.

4. (Original) The method of claim 1, further comprising:
determining if the second data cell has exceeded its predetermined number of retransmissions.

5. (Original) The method of claim 1, further comprising:
reinserting the second data cell at the tail of the retransmit queue.

6. (Original) The method of claim 1, further comprising:
discarding the second data cell because it has exceeded its predetermined number of retransmissions or it has timed out.

7. (Currently Amended) The method of claim 1, further comprising:

reinserting the first data cell at the tail of the ~~recirculation~~ retransmit queue after the first data cell has been transmitted from the head of the ~~retransmission~~ retransmit queue.

8. (Currently Amended) A communications system having a transmission reliability subsystem, the reliability subsystem comprising:

a means for providing a transmit queue having a head and a tail;

a means for providing a retransmit queue having a head and a tail;

a means for transmitting a first data cell from the head of the transmit queue;

a means for inserting the first data cell at the tail of the retransmit queue in response to a HBH ACK mark; and

a means for retransmitting a second data cell at the head of the retransmit queue.

9. (Original) The communications system of claim 8, further comprising:

a means for marking the first data cell as requiring receive acknowledgement.

10. (Original) The communications system of claim 8, further comprising:

a means for determining if the second data cell has timed out.

11. (Original) The communications system of claim 8, further comprising:

a means for determining if the second data cell has exceeded its predetermined number of retransmissions.

12. (Original) The communications system of claim 8, further comprising:

a means for reinserting the second data cell at the tail of the retransmit queue.

13. (Original) The communications system of claim 8, further comprising:

a means for discarding the second data cell because it has exceeded its predetermined number of retransmissions or it has timed out.

14. (Currently Amended) The communications system of claim 8, further comprising:

a means for reinserting the first data cell at the tail of the retransmit ~~recirculation~~ queue after the first data cell has been transmitted from the head of the retransmit ~~retransmission~~ queue.

15. (Currently Amended) A communications system, comprising:

a plurality of transceiver nodes configured to utilize a time division multiple access structure to communicate between the transceiver nodes; and

the time division multiple access structure including a plurality of time slots, wherein ~~during which~~ the transceiver nodes are configured to communicate data cells during the time slots, the data cells being transmitted from a transmission queue and a retransmission queue,

wherein cells transmitted from the transmission queue are selectively placed sequentially into the retransmission queue for later retransmission in response to the HBH ACK mark.

16. (Original) The communications system of claim 15, wherein the cell transmitted from the transmission queue has been marked for receive acknowledgement.

17. (Original) The communications system of claim 15, wherein the cell at a head of the retransmission queue is discarded if timed out.

18. (Original) The communications system of claim 15, wherein the cell at a head of the retransmission queue has matched its predetermined number of retransmissions.

19. (Original) The communications system of claim 15, wherein the cell at a head of the retransmission queue is retransmitted and then placed at a tail of the retransmission queue.

20. (Original) The communications system of claim 15, wherein each packet includes a plurality of cells.